

# CSCE 190

Assignment Name: Problem Statement

Group Name: Alpha Xi Delta

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## Problem Statement

Everyone who lives in Columbia or any city with major train lines running through it knows the pain of waiting for a slow train and showing up to your destination 20 minutes late. The problem is not knowing the train schedules throughout Columbia and being late because of them. The problem is more specifically not knowing the optimal route to get to your destination while taking train delays into consideration.

## Who is experiencing the problem?

Anyone who travels through the city of Columbia runs the risk of being delayed by a train.

## What is the Problem?

Not being able to know the train schedule in Columbia as to better choose a route to your destination.

## Where does the problem present itself?

Any of the multiple roads that have train tracks pass over them.

## Why does it matter?

Being unexpectedly delayed by a train can be detrimental to making classes or meetings on time. It is a problem that catches many people off guard and needs a solution developed.